

**Product Code:**

545-5510 Chemprime White

**VISCOSITY:** 1250 cps at 25°C  
**FLASH POINT:** 4°C (39°F)  
**DENSITY (Kg/L):** 1.20  
**SOLID (% by weight):** 48%  
**SOLID (% by volume):** 27%  
**SHELF LIFE (months):** 12

**Product Description:**

Easy sanding, high hiding, high viscosity white lacquer primer for use under coloured lacquer topcoats. .

**Uses:**

Chemprime can be used on all types of wood or wood composites to provide a smooth substrate for coloured lacquer topcoats for interior use.

**Environmental Data (as supplied):**

VOC less exempt lb/gal:	5.18
VOC lb/gal:	5.18
VOC less exempt g/l:	621
VOC g/l:	621
VOC lb/lb Solid:	1.06
VHAPs lb/lb Solid:	0.65

See individual compliance sheets for specific data

**Application Data:**

<b>SUGGESTED USES:</b>	Pigmented Lacquer Primer
<b>MIXING RATIO:</b>	NA
<b>POT LIFE:</b>	NA
<b>APPLICATION VISCOSITY:</b>	Z #2 20-25"
<b>REDUCER:</b>	Lacquer Thinner
<b>RETARDER:</b>	121-014
<b>CLEAN-UP SOLVENT:</b>	Lacquer Thinner
<b>APPLIED FILM THICKNESS:</b>	3-5 wet mils



**AkzoNobel**

## Directions for Use

Chemprime White  
545-5510

### Surface Preparation:

Substrate to be coated should be sanded with 120,150 or 180 grit sandpaper prior to coating.

### General information:

Apply at 4-5 mils wet on sanded substrate. Sand with 280/320 grit paper prior to topcoating. Chemprime should be agitated at all times during application to ensure product consistency. Maximum film build of 545-5510 is not to exceed 3 mils dry. Maximum film build of system is not to exceed 4 mils dry.

THE CUSTOMER IS RESPONSIBLE FOR FOLLOWING THE RECOMMENDED APPLICATION PROCEDURES. FAILURE TO ADHERE TO THE RECOMMENDATIONS GIVEN IN THIS DATA SHEET WILL LIKELY RESULT IN UNSATISFACTORY FILM APPEARANCE OR FILM FAILURE. THE COMPLETE COATING SYSTEM SHOULD BE CHECKED FOR REQUIRED PROPERTIES PRIOR TO THE START-UP OF PRODUCTION.

### Drying Times:

	At 20°C (Minimum Required)	At 50°C (Minimum Required)
<b>Tack Free Time:</b>	20 mins.	Flash off before entering oven
<b>Dry to Sand:</b>	2 hours	20-30 mins.
<b>Dry to Stack:</b>	3 hours	1 hour

Note: Dry times are greatly affected by film build, porosity of substrate, air movement as well as heat and humidity. Temperatures are based on actual board temperature. This may vary depending on length of time for boards to reach these temperatures. Minimum curing temperatures of 64°F/18°C must be maintained throughout the curing cycle to achieve the film integrity as stated in product features.

These products are designed for industrial use only. AkzoNobel views safety as a top priority. Please refer to Material Safety Data Sheet for information on the safe use of this product.

Values shown are calculated estimates and should not be construed as product specifications. We cannot anticipate all conditions under which this information and our products or the products of other manufacturers in combination with our products may be used. We accept no responsibility for results obtained by the application of this information or the safety and suitability of each such product or product combination for their own purposes. Unless otherwise agreed in writing, we sell the products without warranty, and users assume all responsibility and liability for loss or damage arising from the use of our products whether used alone or a combination with other products. Use of unapproved or reclaimed solvent blends may reduce film properties and is not recommended.

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